IN THE CLAIMS:

Please amend the claims as shown in the marked-up copies below:

3. (Amended) A detection apparatus for detecting the presence of a detectable material in a sample comprising:

a fluid application section contacting said sample;

a reaction reagent section, having particles, which do not affect detection, and marking elements movably contained therein, connected to said fluid application section such that said sample moves from said fluid application section to said reaction reagent section;

a porous carrier connected to said reaction reagent section such that said sample moves from said reaction reagent section to said porous carrier;

[a reaction product formed from biological bonding] said detectable material bonding with both said marking elements and said particles when said detectable material is present in said sample to form a reaction product; and

a catching section in said porous carrier made from a material having a pore size smaller than a size of said reaction product, such that chromatographic movement of said marking elements not bonded to said particles via said detectable material is permitted through said catching section and chromatographic movement of said reaction product is restricted.

8. (Amended) A detection method for detecting the presence of a detectable material in a sample comprising:

contacting said sample with a fluid application section;

chromatographically moving said sample through said fluid application section, a reaction reagent section, [and] a porous carrier, and a catching section;

providing said reaction reagent section with particles and marking elements;

reacting said sample with said particles and said marking elements contained in said reaction reagent section to form a reaction product, such that said detectable material [biologically] bonds with both said marking elements and said particles when said detectable material is present in said sample;

passing said sample, including any reaction product present, through a catching section, having a pore size smaller than a size of said reaction product and larger than a particle diameter of said marking elements; and

analyzing presence of said marking elements at said catching section, whereby presence of said marking elements corresponds with presence of said detectable material.

Please note the clean copies of the above amended claims, pursuant to the amended Rule 121 (37 CFR 1.121), below:

3. A detection apparatus for detecting the presence of a detectable material in a sample comprising:

a fluid application section contacting said sample;

a reaction reagent section, having particles, which do not affect detection, and marking elements movably contained therein, connected to said fluid application section such that said sample moves from said fluid application section to said reaction reagent section;

a porous carrier connected to said reaction reagent section such that said sample moves from said reaction reagent section to said porous carrier;

said detectable material bonding with both said marking elements and said particles when said detectable material is present in said sample to form a reaction product; and

a catching section in said porous carrier made from a material having a pore size smaller than a size of said reaction product, such that chromatographic movement of said marking elements not bonded to said particles via said detectable material is permitted through said catching section and chromatographic movement of said reaction product is restricted.

8. A detection method for detecting the presence of a detectable material in a sample comprising:

contacting said sample with a fluid application section;

chromatographically moving said sample through said fluid application section, a reaction reagent section, a porous carrier, and a catching section;

providing said reaction reagent section with particles and marking elements;

reacting said sample with said particles and said marking elements contained in said reaction reagent section to form a reaction product, such that said detectable material bonds with both said marking elements and said particles when said detectable material is present in said sample;

passing said sample, including any reaction product present, through a catching section, having a pore size smaller than a size of said reaction product and larger than a particle diameter of said marking elements; and